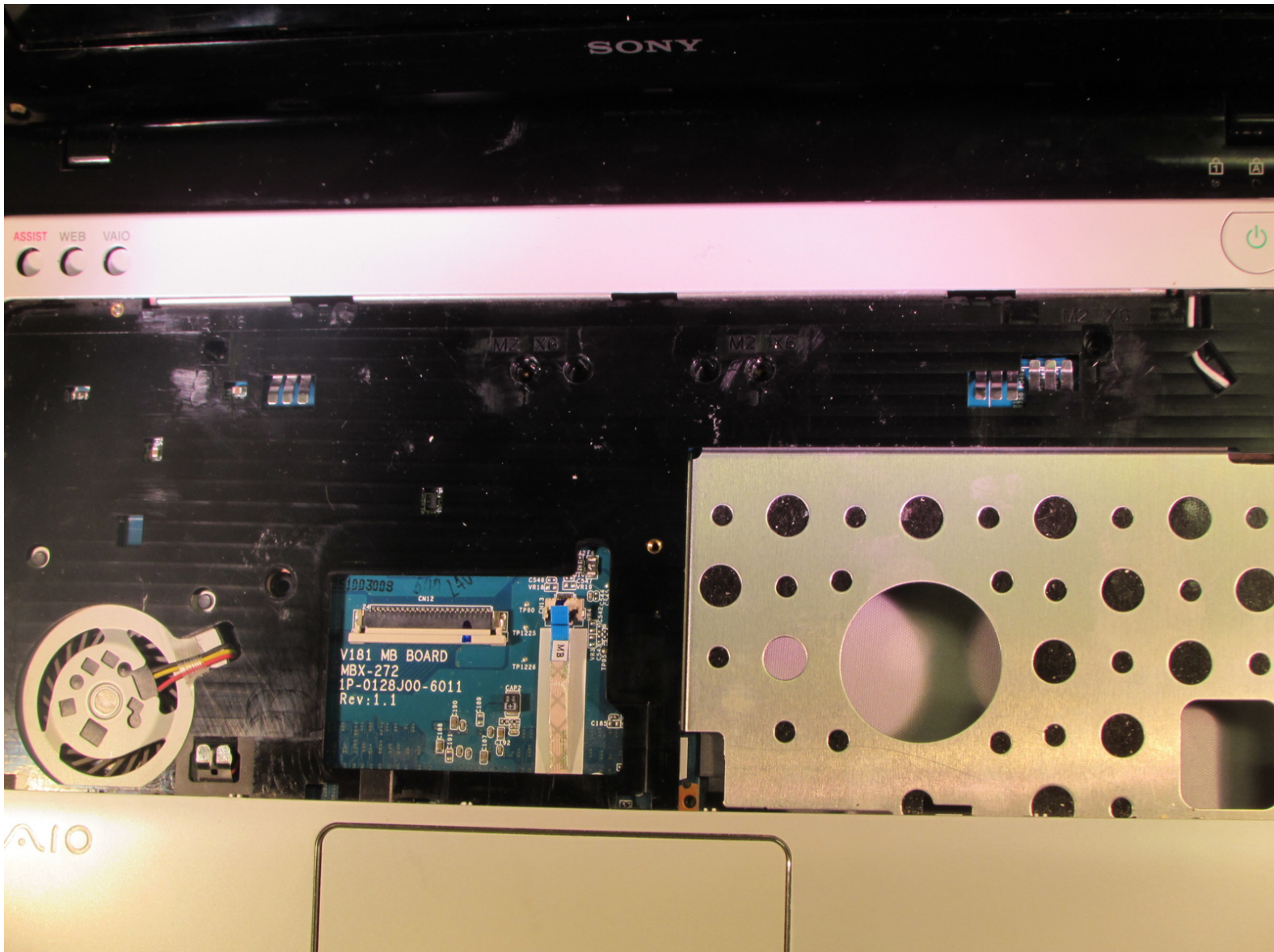




Sony Vaio SVE111B11L Motherboard Replacement

Replacing or Upgrading a motherboard assembly.

Written By: John Noll






TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
-

Step 1 — Battery



 Remove charging adaptor. Some charge may still be in the battery or computer. DO NOT touch connectors or copper yellow connector.

- Locating the Battery
- Flip Computer Toward Yourself

Step 2



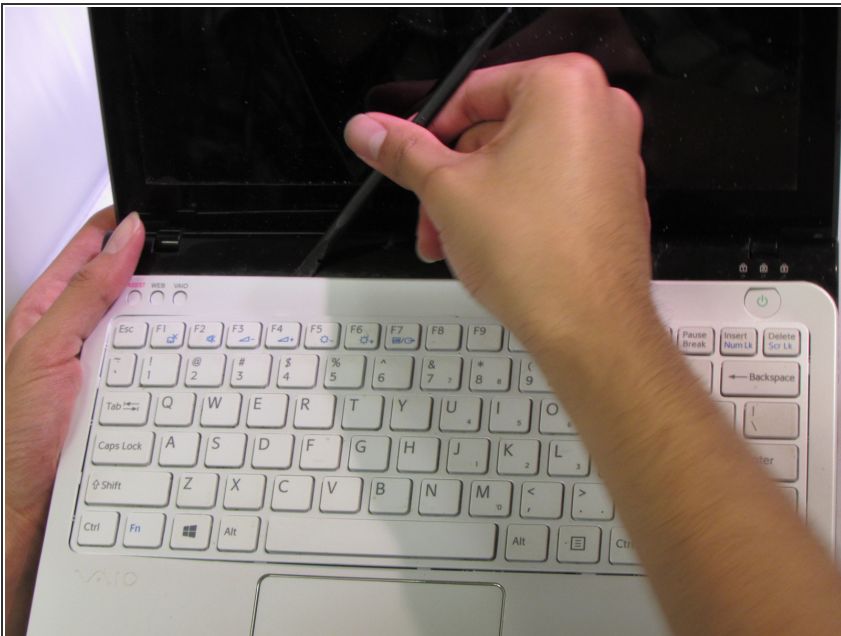
- Releasing Battery
- Locate two switches with the word “lock” and “release” on them.

Step 3



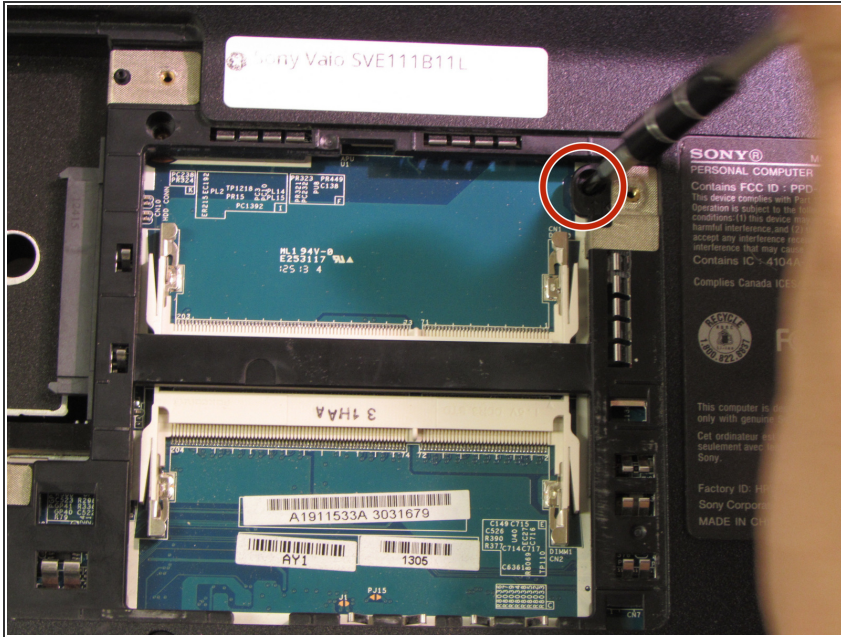
- Removing Battery
- Push towards each other while simultaneously lifting up the battery in between the two switches.

Step 4 — Keyboard Assembly



- ⚠ Remove charging adaptor. Some charge may still be in the battery or computer.
- ⚠ DO NOT touch connectors or copper yellow connector.
- The key board is attached by a screw on the back.
- The front cover also holds the keyboard assembly.
- Remove the memory door to access the screw for the keyboard.
- ⓘ The screws for the memory door do not come out. they are held from falling out.

Step 5



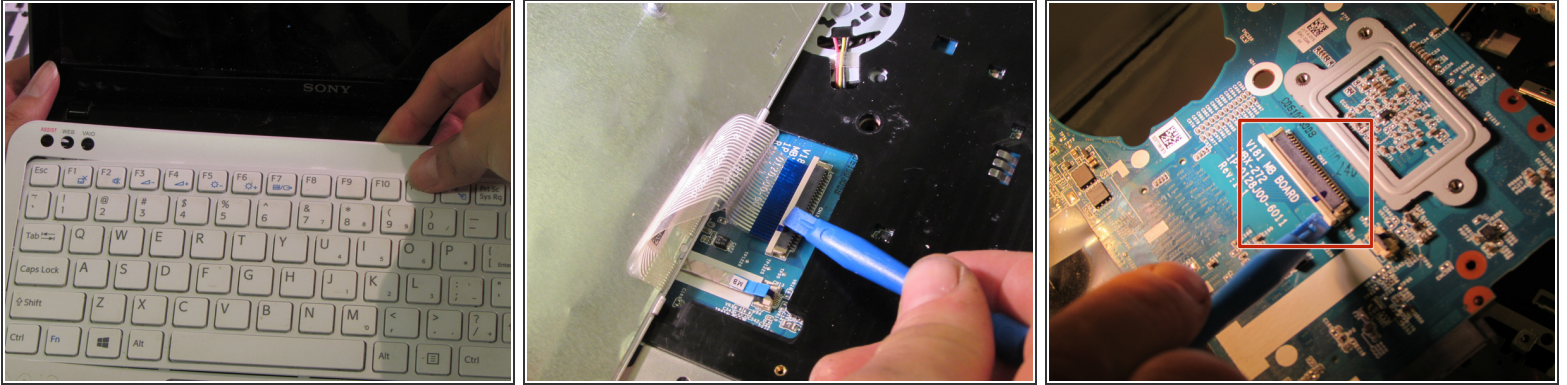
- Locate the screw that holds the keyboard assembly in place.
- Remove this screw.
- Size: L 6.7mm X D 1.9mm

Step 6



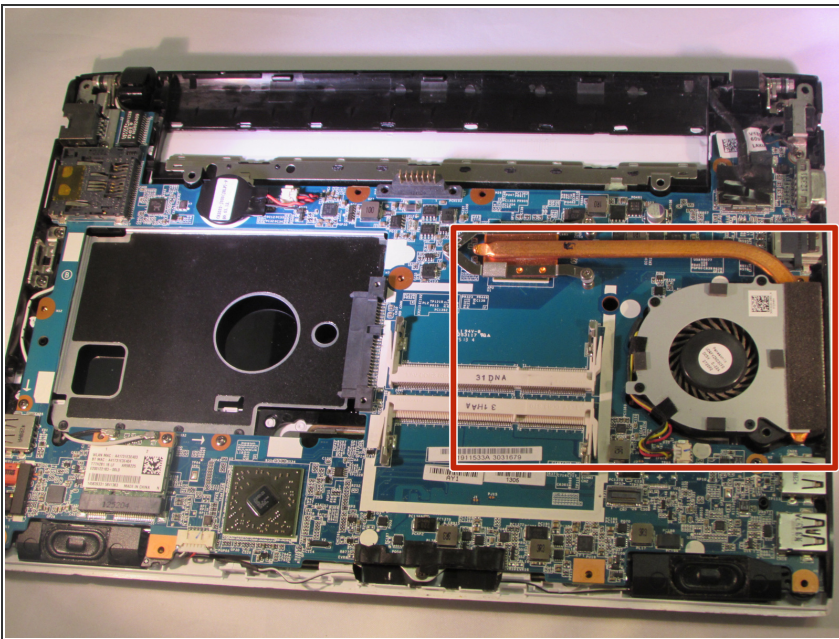
- ⓘ Be careful of the keyboard wire connection.
- ⓘ Making sure that you when you slide the wires out. You slide from the side opposite the solder connections.
- Flip computer over and open.

Step 7



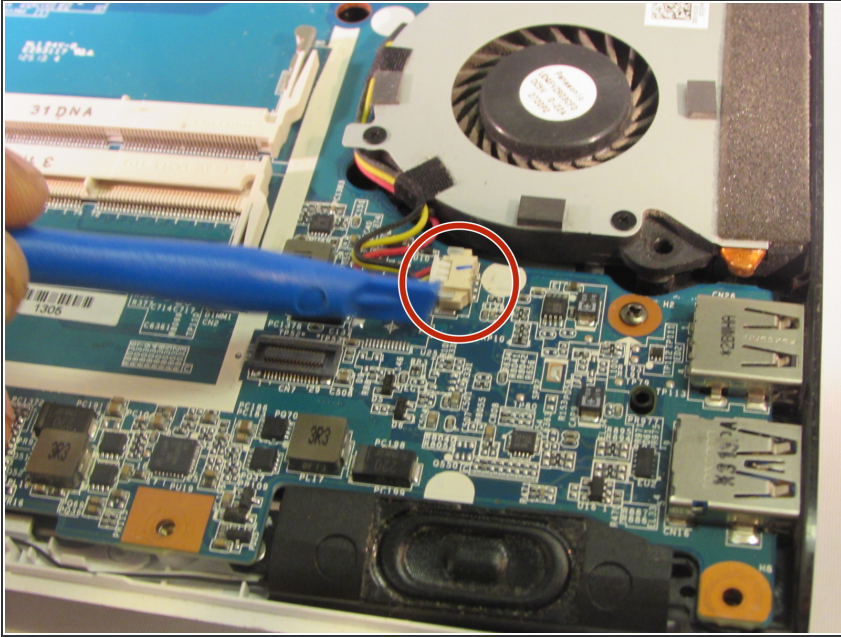
- Gently pry the keyboard assembly from the front. (closest to the screen) With the blue spudger.
- When the front of the keyboard is about two inches up. Carefully, using the blue spudger, pull out and slightly up on the connector clip. Then remove the wire connector.
- Gently lift the key board assembly up and out.

Step 8 — Fan



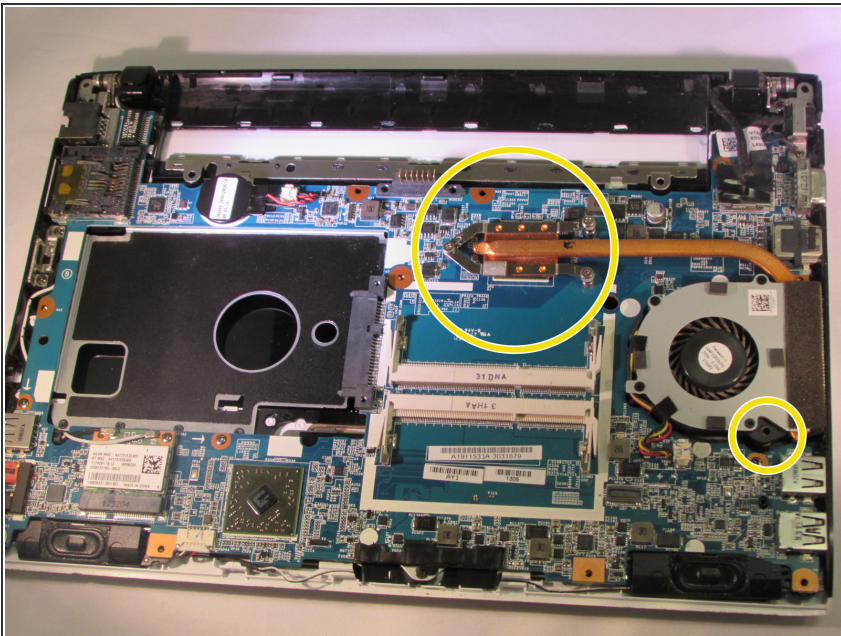
- ⚠ Remove charging adaptor. Some charge may still be in the battery or computer.
- ⚠ DO NOT touch connectors or copper yellow connector.
- Locate the fan and heat-sink.

Step 9



- locate the wires and connectors.
- Gently remove the wires.

Step 10



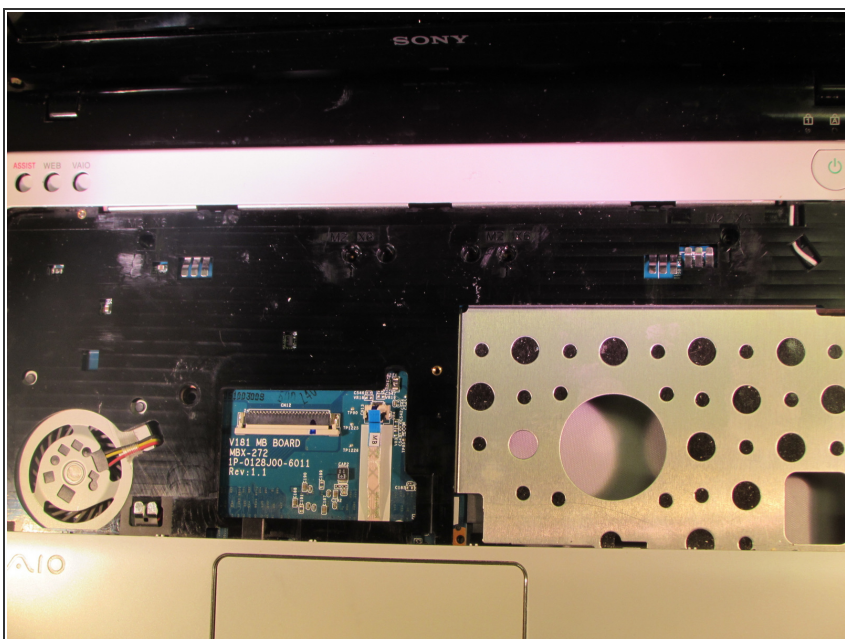
- Locate the screws, and remove them.
- Screws: L 6.7mm X D 1.9mm

Step 11



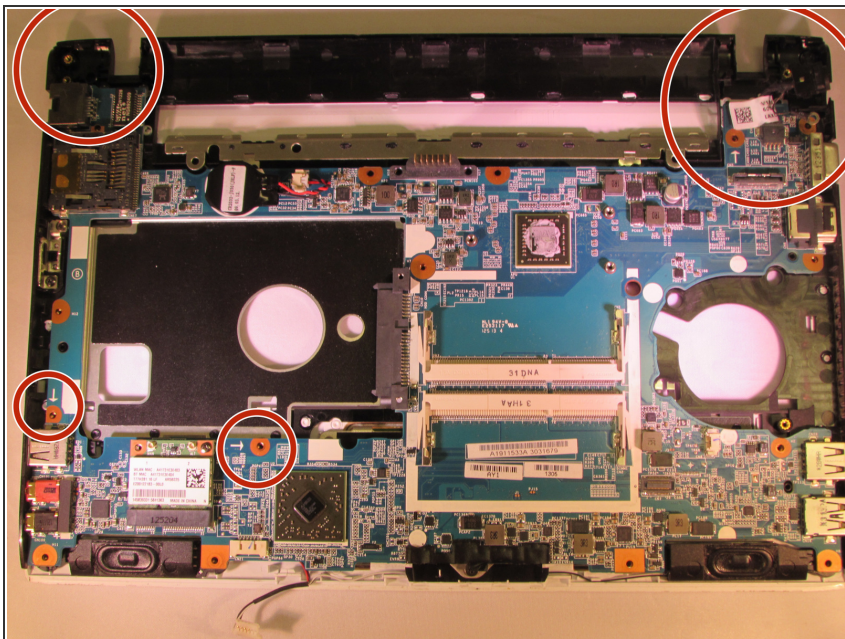
- Gently lift the fan assembly up and out.

Step 12 — Motherboard



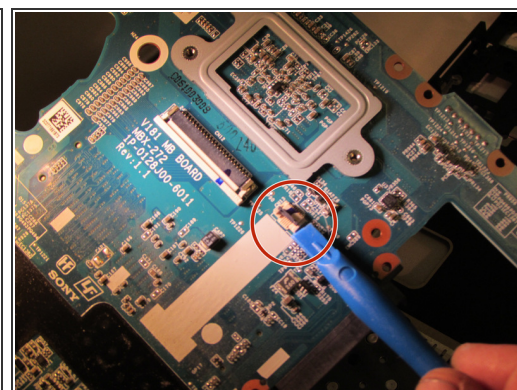
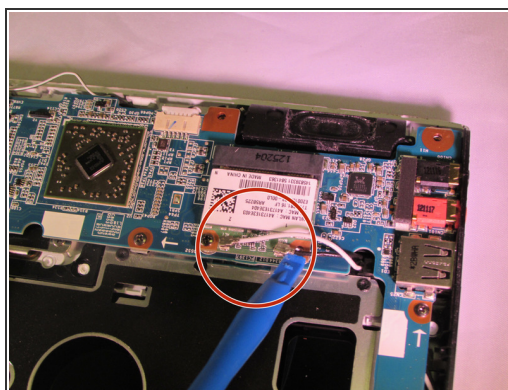
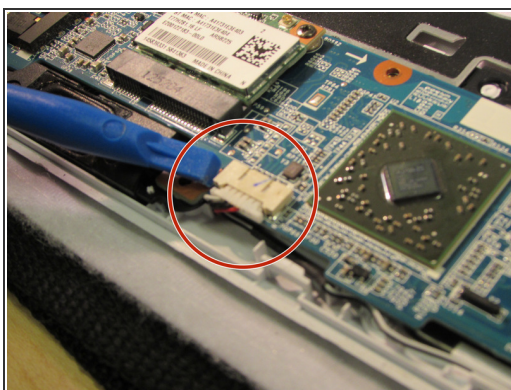
- ⚠ Remove charging adaptor. Some charge may still be in the battery or computer.
- ⚠ DO NOT touch connectors or copper yellow connector.
- With the covers off.

Step 13



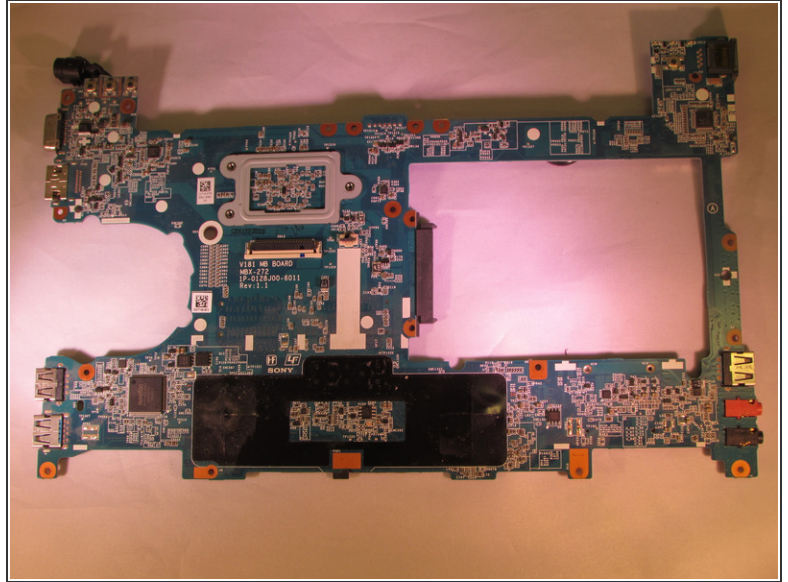
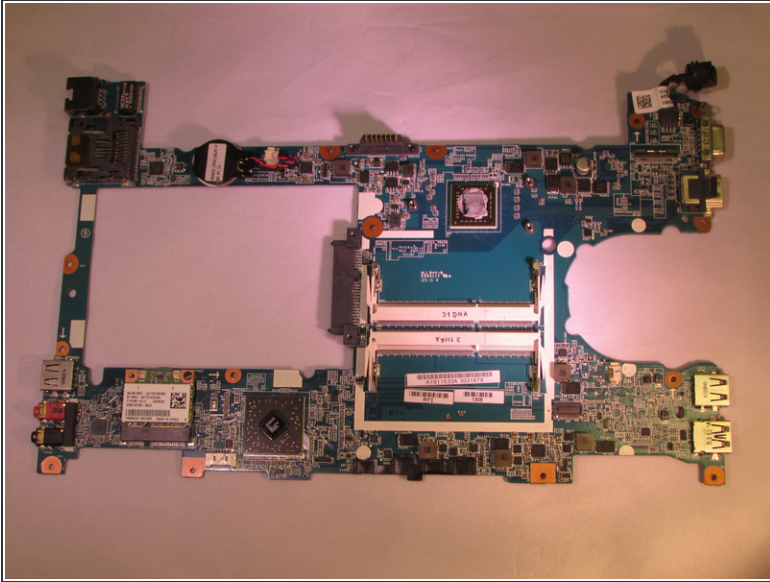
- Locate and remove the screws holding the motherboard down.
- Screws: L 4.6mm X D 1.85mm

Step 14



- Locate the wires and connectors.
- Unplug all connectors that will be in the way of removing the motherboard.

Step 15



- Being careful of the loose connectors and wires.
- Gently lift the motherboard out.

To reassemble your device, follow these instructions in reverse order.

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